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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: David B. Hall EXAMINER: N/A
SERIAL NO.: 10/615,730 GROUP: 2874
FILED: 07/09/2003 CASE NO.: NGC-144/000169-199
ENTITLED: FOUR SAMPLE CALCULATION OF SENSOR ARRAY INDUCED PHASE
ANGLE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully request that the references enclosed and listed on the attached sheets be considered by the Examiner.

In accordance with 37 CFR 1.97(e)(1) each item of information contained in the Information Disclosure Statement was first cited in communication (copy enclosed) from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

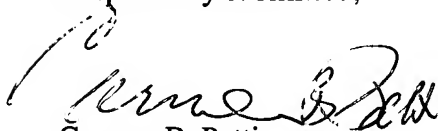
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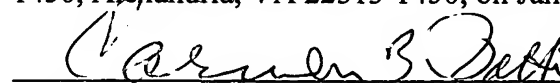
Any questions should be directed to the undersigned.

CERTIFICATE OF MAILING

Respectfully submitted,


Carmen B. Patti
Reg. No. 26,784

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 6, 2005.


Carmen B. Patti January 6, 2005

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Complete if Known

Application Number	10/615,730
Filing Date	07/09/2003
First Named Inventor	David B. Hall
Art Unit	2874
Examiner Name	N/A
Attorney Docket Number	NGC-144/000169-199

Sheet	1	of	1
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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